



# HF-Performer III for TL-D lamps

HF-P 158 TL-D III 220-240V 50/60Hz IDC

HF-Performer III TLD is a sustainable, slim and high-frequency electronic ballast for TL-D fluorescent lamps. It is ideal for applications where high energy efficiency is required. The HF-Performer III range has a robust design, meets all relevant international safety and performance standards and is energy-efficient (CELMA EEI A2).

## Catalog de date

### • carateristici generale

|                              |                  |
|------------------------------|------------------|
| Rated Number of Lamps        | 1 piece          |
| Rated Ballast-Lamp Power     | 58               |
| Rated Lamptype               | TL-D             |
| Application code             | III              |
| Line Voltage                 | 220-240 V        |
| Line Frequency               | 50/60 Hz         |
| Housing                      | L 280x30x28      |
| Ignition Method              | Programmed Start |
| Lifetime 90% surv.@Tcaselife | 50000 hr         |
| Energy Efficiency Index      | A2               |

### • caracteristici de operare

|                                |            |
|--------------------------------|------------|
| Automatic restart              | Yes        |
| Battery voltage running lamps  | 186-275    |
| Battery voltage lamp ignition  | 186-275 V  |
| Constant wattage deviation     | -2%/+2%    |
| Inrush current Peak            | 18 (max) A |
| Inrush current Width           | 0.25 ms    |
| Max ballast on MCB(16A type B) | 28 x       |
| Earth leakage current          | 0.5 mA     |
| Mains voltage safety (AC)      | -10%/+10%  |
| Mains voltage performance (AC) | -8%/+6%    |
| Overvoltage protection 320Vac  | 48 hr      |

|                               |             |
|-------------------------------|-------------|
| Overvoltage protection 350Vac | 2 hr        |
| PowerFactor 100% output power | 0.99 -      |
| Power losses gear             | 4.5 W       |
| Ballast Lumen Factor          | 1 -         |
| Crestfactor                   | 1.7 (max) - |
| Ignition time                 | 1.5 (max) s |
| Operating frequency           | 45 kHz      |
| Total Harmonic Distortion EUR | 10 %        |
| Hum and Noise level           | < 30 dB(A)  |

### • caracteristici cablaj

|                                 |                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------|
| Cable-Cap output-wires to earth | 200 pF                                                                                            |
| Cable-Cap output-wires mutual   | 200 pF                                                                                            |
| Conn.type input terminals       | WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring] |
| Conn.type output terminals      | WAGO 251 universal connector [Suitable for both automatic wiring (ALF and ADS) and manual wiring] |
| Max. cable length               | 0.75 m                                                                                            |
| Hot Wires                       |                                                                                                   |
| Striplength                     | 8.0-9.0 mm                                                                                        |
| Dual fixture Master/Slave       | Not applicable [Master/Slave oper. not applicable]                                                |
| Wcs Input terminals             | 0.50-1.00 mm <sup>2</sup>                                                                         |
| Wcs Output terminals            | 0.50-1.00 mm <sup>2</sup>                                                                         |

### • carateristici de temperatura

|             |      |
|-------------|------|
| T-case life | 75 C |
|-------------|------|



[asimpleswitch.com](http://asimpleswitch.com)

# PHILIPS

sense and simplicity

## HF-Performer III for TL-D lamps

|                |                       |
|----------------|-----------------------|
| T-case maximum | 75 (max) C            |
| T-ignition     | -25 (min), 50 (max) C |
| T-ambient      | -25 (min), 50 (max) C |
| T-storage      | -40 (min), 50 (max) C |

### • dimensiuni produs

|                      |          |
|----------------------|----------|
| Length A1            | 280.0 mm |
| Fixing Hole Distance | 265.0 mm |
| Length A2            |          |
| Width B1             | 30.0 mm  |
| Height C1            | 28.0 mm  |
| Fixing Hole Diameter | 4.2 mm   |
| D1                   |          |

### • Caract. aprobare & aplicare

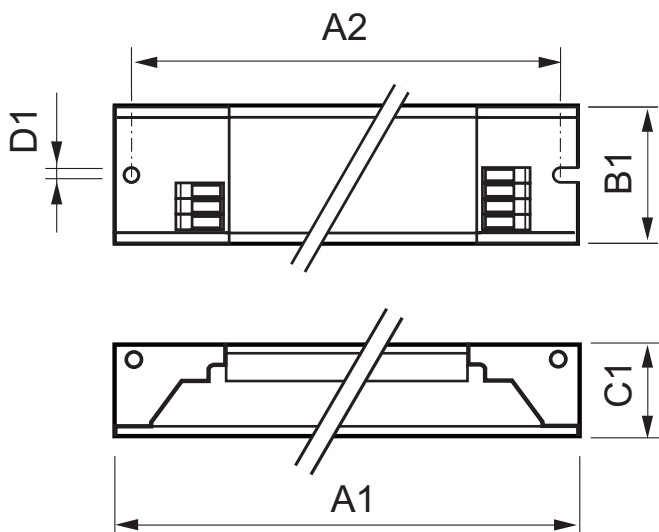
|                            |                                  |
|----------------------------|----------------------------------|
| EMI 9kHz .. 30 MHz         | EN 55015                         |
| EMI 30 MHz .. 1000MHz      | EN 55022 level B [Level = Class] |
| Safety Standard            | IEC 61347-2-3                    |
| Performance Standard       | IEC 60929                        |
| Quality Standard           | ISO 9000:2000                    |
| Environmental Standard     | ISO 14001                        |
| Harmonic current emissions | IEC 61000-3-2                    |

|                     |                        |
|---------------------|------------------------|
| EMC Immunity        | IEC 61547              |
| Vibrations          | IEC 68-2-6 Fc          |
| Bumps               | IEC 68-2-29 Eb         |
| Humidity            | EN 61347-2-3 clause 11 |
| Approval marks      | ENEC / VDE-EMV         |
| CE marking          | Yes                    |
| Temperature marking | 110 [Yes]              |
| Emergency standard  | IEC 60598-2-22         |

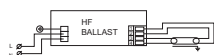
### • Informatii produs

|                               |                                        |
|-------------------------------|----------------------------------------|
| Cod comanda                   | 911701 00                              |
| Cod produs                    | 872790091170100                        |
| Denumire produs               | HF-P 158 TL-D III 220-240V 50/60Hz IDC |
| Produs - Denumire comanda     | HF-P 158 TL-D III 220-240V 50/60Hz IDC |
| Bucati per pachet             | 1                                      |
| Configuratie Impachetare      | 12                                     |
| Pachete per box               | 12                                     |
| Cod de bare per produs (EAN1) | 8711500999702                          |
| Cod de bare per box (EAN3)    | 8727900911701                          |
| Cod logistic - 12NC           | 913713031866                           |
| Masa neta per bucata          | 0.205 kg                               |

### Cote



| Product                                | A1 (Norm) | A2 (Norm) | B1 (Norm) | C1 (Norm) | D1 (Norm) |
|----------------------------------------|-----------|-----------|-----------|-----------|-----------|
| HF-P 158 TL-D III 220-240V 50/60Hz IDC | 280.0     | 265.0     | 30.0      | 28.0      | 4.2       |



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2011, Decembrie 21  
Informatie ce poate fi modificată